

SYSTEM AND METHOD FOR GRANTING ARBITRATED BIDS IN THE SWITCHING OF INFORMATION

ABSTRACT OF THE INVENTION

5 A system and method are provided for fairly distributing grants for access to switch outputs, through crossbars, between switch input channels. Crossbars are granted access between specified switch inputs and switch outputs, and the least recently used input channels are associated with selected switch outputs. A history of the previous channel
10 transaction is maintained for each switch output, and channels are nominated in a rotation through a priority channel list. The present invention bid grant algorithm permits information packets to be transferred across a switch in the time between a bid submission and a bid grant.